

# TRIAL DATA SHEET

## SUSTAIN®



**Objective:** Crop yield comparison between ammonium nitrate and SUSTAIN®

**Crop:** Spring Barley (cv Concerto)

**Location:** Mains of Fortrie, Ellon

**Date:** 2014 Harvest

**Researcher:** Scottish Agronomy Limited

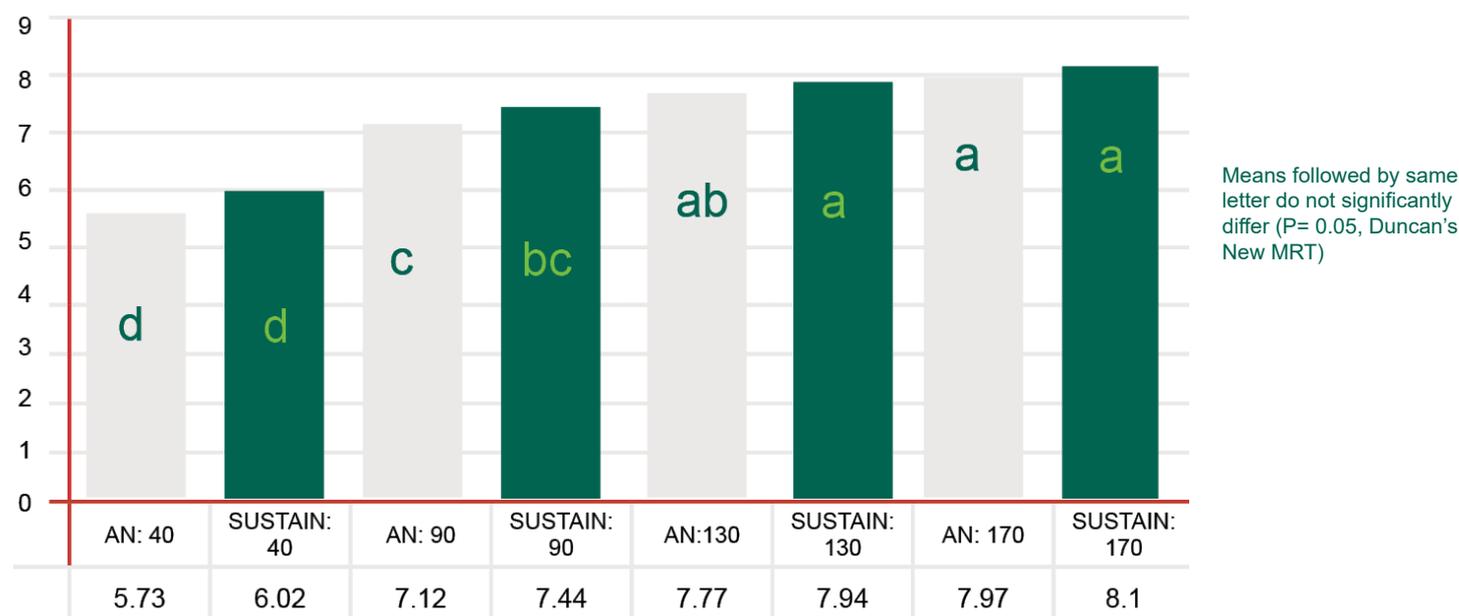
**Trial code:** RD99\_003\_SB\_14

## Treatments:

Nitrogen Rate (kg N/Ha)	Product Required (kg/Ha)	
	Ammonium Nitrate	SUSTAIN®
40	116	87
90	261	196
130	377	283
170	493	370

Application split: 50% at Pre-Em. 50% at GS 12-13

## Results: N-types on Spring Barley Concerto yield (t/ha grain)



## Conclusions:

- High nitrogen content of SUSTAIN® fertiliser means 33% less product is required to supply equal nitrogen compared to ammonium nitrate.
- SUSTAIN® gave equal yields compared to ammonium nitrate at all nitrogen rates (P=0.05).

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